

Amendments To The Claims:

Please amend the claims as shown.

1 – 8 (canceled)

9. (new) A wind energy unit connected to an electrical 3-phase AC network, comprising:
a wind turbine;
a generator having a rotor, a rotor winding and a rotor winding side converter connected to the wind turbine; and
a generator regulation device that regulates the generator having
a first and a second regulation unit that each operate on a rotor-winding side converter,
wherein a network voltage analyzer connects to the electrical 3-phase AC network and determines whether a network fault has occurred if the network voltage sinor representation deviates from a predetermined set interval and if a network fault has occurred the first regulation unit is assigned to regulate a non-faulty 3-phase AC network and the second regulation unit is assigned to regulate the generator rotor winding.

10. (new) The wind energy unit as claimed in claim 9, wherein a compensation unit undertakes a reactive power regulation with a non-faulty 3-phase AC network to a desired reactive power component determined by a basic oscillation shift factor.

11. (new) The wind energy unit as claimed in claim 10, wherein
the reactive power regulation is regulated by the compensation unit, and
the first regulation unit is set for regulating a basic oscillation shift factor that cannot be changed during normal operation.

12. (new) The wind energy unit as claimed in claim 11, wherein the reactive power regulation is regulated exclusively by the compensation unit.

13. (new) The wind energy unit as claimed in claim 12, wherein the generator is a doubly-fed asynchronous generator.

14. (new) The wind energy unit as claimed in claim 13, further comprising a commutator that activates either the first of the second regulation units based on a specification of the network voltage analyzer.

15. (new) The wind energy unit as claimed in claim 14, wherein the network voltage analyzer receives parameters relating to a rotor current in the generator.

16. (new) The wind energy unit as claimed in claim 15, wherein the network voltage analyzer receives parameters relating to the angular position and the speed of rotation of the rotor in the generator.

17. (new) The wind energy unit as claimed in claim 13, wherein the first and second regulation units are implemented by one and the same physical unit and are embodied either as first or second regulation unit by operating this physical unit with different regulation programs.